

WMAP Cosmological Parameters

Model: lcdm+mnu

Data: wmap9+spt+act

$10^9 \Delta_{\mathcal{R}}^2$	2.59 ± 0.12	H_0	$60.7^{+4.5}_{-4.2}$ km/s/Mpc
$A_{\text{clustered}}$	< 13 (95% CL)	$A_{\text{Poisson}}^{\text{ACT}}$	14.1 ± 2.6
$A_{\text{Poisson}}^{\text{SPT}}$	> 15 (95% CL)	$\ell(\ell+1)C_{220}/(2\pi)$	$5757 \pm 34 \mu\text{K}^2$
$d_A(z_{\text{eq}})$	14087 ± 116 Mpc	$d_A(z_*)$	13921 ± 117 Mpc
$D_v(z=0.57)/r_s(z_d)$	$14.47^{+0.59}_{-0.64}$	η	$(5.95 \pm 0.12) \times 10^{-10}$
k_{eq}	0.01024 ± 0.00031	ℓ_{eq}	142.6 ± 3.2
ℓ_*	302.06 ± 0.43	$\sum m_\nu$	< 1.5 eV (95% CL)
n_b	$(2.443^{+0.049}_{-0.050}) \times 10^{-7} \text{ cm}^{-3}$	n_s	0.947 ± 0.014
Ω_b	$0.0597^{+0.0073}_{-0.0079}$	$\Omega_b h^2$	0.02175 ± 0.00044
Ω_c	$0.327^{+0.054}_{-0.057}$	$\Omega_c h^2$	0.1183 ± 0.0044
Ω_Λ	$0.586^{+0.080}_{-0.076}$	Ω_m	$0.414^{+0.076}_{-0.080}$
$\Omega_m h^2$	$0.1494^{+0.0073}_{-0.0076}$	$\Omega_\nu h^2$	< 0.016 (95% CL)
$r_s(z_d)$	151.5 ± 1.2 Mpc	$r_s(z_d)/D_v(z=0.106)$	$0.303^{+0.022}_{-0.020}$
$r_s(z_d)/D_v(z=0.2)$	$0.167^{+0.011}_{-0.010}$	$r_s(z_d)/D_v(z=0.35)$	$0.1021^{+0.0057}_{-0.0053}$
$r_s(z_d)/D_v(z=0.44)$	$0.0846^{+0.0043}_{-0.0040}$	$r_s(z_d)/D_v(z=0.54)$	$0.0721^{+0.0033}_{-0.0030}$
$r_s(z_d)/D_v(z=0.57)$	$0.0692^{+0.0031}_{-0.0028}$	$r_s(z_d)/D_v(z=0.6)$	$0.0666^{+0.0029}_{-0.0026}$
$r_s(z_d)/D_v(z=0.73)$	$0.0580^{+0.0022}_{-0.0020}$	$r_s(z_*)$	144.8 ± 1.2
R	$1.794^{+0.031}_{-0.033}$	σ_8	$0.660^{+0.066}_{-0.061}$
$\sigma_8 \Omega_m^{0.5}$	0.420 ± 0.023	$\sigma_8 \Omega_m^{0.6}$	0.384 ± 0.024
A_{SZ}	< 1.3 (95% CL)	t_0	$14.25^{+0.22}_{-0.24}$ Gyr
τ	0.082 ± 0.012	θ_*	0.010400 ± 0.000015
θ_*	0.59590 ± 0.00084 °	τ_{rec}	280.9 ± 2.6
t_{reion}	435^{+62}_{-63} Myr	t_*	370503^{+4670}_{-4644} yr
z_d	1019.05 ± 0.90	z_{eq}	3351 ± 100
z_{rec}	1089.62 ± 0.91	z_{reion}	10.6 ± 1.1
z_*	$1092.57^{+0.89}_{-0.90}$		