

WMAP Cosmological Parameters

Model: lcdm+tens

Data: wmap9+spt+act+snls3

$10^9 \Delta_{\mathcal{R}}^2$	$2.360_{-0.088}^{+0.089}$	H_0	71.8 ± 1.6 km/s/Mpc
$A_{\text{clustered}}$	< 10 (95% CL)	$A_{\text{Poisson}}^{\text{ACT}}$	15.0 ± 2.3
$A_{\text{Poisson}}^{\text{SPT}}$	> 17 (95% CL)	$\ell(\ell+1)C_{220}/(2\pi)$	5748 ± 32 μK^2
$d_A(z_{\text{eq}})$	14280 ± 84 Mpc	$d_A(z_*)$	14116 ± 86 Mpc
$D_v(z=0.57)/r_s(z_d)$	12.99 ± 0.23	η	$(6.15 \pm 0.10) \times 10^{-10}$
k_{eq}	0.00967 ± 0.00023	ℓ_{eq}	136.5 ± 2.5
ℓ_*	$301.93_{-0.41}^{+0.42}$	n_b	$(2.526 \pm 0.043) \times 10^{-7}$ cm^{-3}
n_s	0.973 ± 0.010	n_t	> -0.023 (95% CL)
Ω_b	0.0437 ± 0.0016	$\Omega_b h^2$	0.02250 ± 0.00038
Ω_c	0.214 ± 0.016	$\Omega_c h^2$	0.1100 ± 0.0033
Ω_Λ	0.742 ± 0.017	Ω_m	0.258 ± 0.017
$\Omega_m h^2$	0.1325 ± 0.0032	r	< 0.18 (95% CL)
$r_s(z_d)$	153.50 ± 0.93 Mpc	$r_s(z_d)/D_v(z=0.106)$	0.3570 ± 0.0089
$r_s(z_d)/D_v(z=0.2)$	0.1945 ± 0.0045	$r_s(z_d)/D_v(z=0.35)$	0.1165 ± 0.0024
$r_s(z_d)/D_v(z=0.44)$	0.0955 ± 0.0018	$r_s(z_d)/D_v(z=0.54)$	0.0805 ± 0.0014
$r_s(z_d)/D_v(z=0.57)$	0.0770 ± 0.0013	$r_s(z_d)/D_v(z=0.6)$	$0.0739_{-0.0013}^{+0.0012}$
$r_s(z_d)/D_v(z=0.73)$	0.06357 ± 0.00097	$r_s(z_*)$	$146.88_{-0.86}^{+0.85}$
R	1.714 ± 0.012	σ_8	0.801 ± 0.017
$\sigma_8 \Omega_m^{0.5}$	0.407 ± 0.020	$\sigma_8 \Omega_m^{0.6}$	0.355 ± 0.020
α_{SNLS}	1.43 ± 0.11	β_{SNLS}	3.26 ± 0.11
A_{SZ}	< 1.0 (95% CL)	t_0	13.694 ± 0.077 Gyr
τ	0.086 ± 0.013	θ_*	0.010405 ± 0.000014
θ_*	0.59617 ± 0.00082 $^\circ$	τ_{rec}	286.0 ± 1.8
t_{reion}	473_{-66}^{+65} Myr	t_*	379817_{-3077}^{+3064} yr
z_d	1020.02 ± 0.83	z_{eq}	3172 ± 76
z_{rec}	$1088.04_{-0.67}^{+0.68}$	z_{reion}	10.4 ± 1.1
z_*	1090.82 ± 0.65		